

Single Lumen Anastomosis Applier for Self-Deploying Fastener

Abstract of the Invention

A surgical tool or applier facilitates laparoscopic or endoscopic implantation through a single bodily tissue lumen of an anastomotic ring device for forming a hollow rivet type of attachment between tissue lumens. In addition to forming a puncture between apposite tissue walls at the anastomosis site, the applier assists or wholly actuates the anastomotic ring device and is retracted to deploy the actuated ring device. Illumination incorporated into a distal portion of a cannula enables confirmation of deployment.